MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Carbon Monoxide, Catalyst** Revision: 8 June, 2005

Product Part Number: 60507-00, -01, -02
50522-00
10009796

AVOX SYSTEMS INC.
225 Erie Street
Lancaster, NY 14086
Telephone 716-683-5100

CHEMTREC Emergency Telephone Numbers:

United States: 800-424-9300
International: 703-527-3887 (collect)

SECTION 2 - INFORMATION ON INGREDIENTS

GENERATOR	CAS #	WGT. %	EXPOSURE LIMITS
Manganese Dioxide	7439-96-5	greater than 50	’03 OSHA PEL TWA (manganese compounds)=5 mg/m3 ceiling limit ’01 ACGIH TLV/TWA = 0.2 mg/m3
Copper Oxide	7440-50-8	greater than 15	’03 OSHA PEL TWA copper fume (as copper)=0.1 mg/m3 ’01 ACGIH TLV/TWA copper fume = 0.2 mg/m3

Listed as IARC Carcinogen: none
Listed as NTP Carcinogen: none
OSHA Carcinogen: none

SECTION 4 - FIRST AID MEASURES

Eye Contact: Flush eyes with a directed stream of water for at least 15 minutes. Forcibly hold eyelids apart to ensure complete irrigation of all eyes and lid tissue. Obtain medical attention and bring this MSDS.

Skin Contact: Wash affected area with soap and water. Get medical attention if irritation occurs.

Inhalation: Avoid breathing excessive dust. Remove to fresh air at once.

Ingestion: Obtain medical attention and bring this MSDS.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	not applicable	Flash Point Method:	not applicable
Flammable Limits:	not applicable	Autoignition Temperature:	not applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Clean up spill immediately. Product may be wetted down with water t minimize dusting from a large spill. Sweep up and return to a clean container. Seal and label container.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with eyes, skin, or clothing. Do not breathe (dust). Wash thoroughly after handling.

Storage Temperature & Pressure: Store in a cool, dry area. Do not break seal of original packaging unnecessarily.

General: Do not store in wet or moist environments. Moisture will deactivate catalyst.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Personal Protection: Use appropriate engineering controls and personal protective equipment (PPE). Eye protection, gloves and protective clothing are recommended. Approved air purifying respirator should be used.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular, black, free-flowing powder (dry).	pH (10% water solution):	approximately 5.3
Vapor Pressure:	not applicable	Vapor Density:	not applicable
Specific Gravity:	varies, approx. 1.1 to 1.2 for 10 x 20 mesh	Partial Decomposition:	not applicable
Odor:	none	Solubility in Water:	350 – 550 deg. C

SECTION 10 - STABILITY AND REACTIVITY

Conditions To Avoid: Manganese dioxide is an oxidizing agent; may cause combustible material to ignite more easily.

Incompatibility: Keep away from combustibles (materials that burn).

Hazardous Decomposition Products: None known

Hazardous Polymerization: None known

Stability: Stable

SECTION 11 - TOXICOLOGICAL PROPERTIES

No data available.

SECTION 12 - ECOLOGICAL INFORMATION

No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

These materials contain chemicals which are listed in 40 CFR 261, RQ – Section 102, EPCRA 313, and 40 CFR 401.

SECTION 14 - TRANSPORTATION INFORMATION

Not regulated by the U.S. Department of Transportation (DOT).

SECTION 15 - REGULATORY INFORMATION

See Section 13.

SECTION 16 - OTHER INFORMATION

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